

What is claimed is:

1. A three-dimensional image display device comprising:  
at least one transmissive light-emitting display panel;  
and

a second light-emitting display panel located behind said  
transmissive light-emitting display panel,

wherein each of said transmissive and second light-  
emitting display panels includes patterned conductors,

wherein each of the patterned conductors includes a  
plurality of light-emitting portions and a bus line extending  
in a horizontal or vertical direction and bridged and connected  
to the light-emitting portions so that the light-emitting  
portions of patterned conductors are arranged in two dimensions,  
and

wherein each of the light-emitting portions includes a  
light-emitting layer made of an organic compound exhibiting  
electroluminescence, and

wherein each of the patterned conductors is formed into  
a zigzag.

2. The three-dimensional image display device according  
to claim 1, wherein

the light-emitting portions of said transmissive  
light-emitting display panel are located in a periodic pattern;  
and

said second light-emitting display panel has light-  
emitting portions located in a periodic pattern.

3. The three-dimensional image display device according

to claim 2, wherein the periodic patterns each have a matrix layout.

4. The three-dimensional image display device according to claim 1, wherein

the light-emitting portion of said transmissive light-emitting display panel includes

at least one organic compound material layer made of an organic compound in contact with the light-emitting layer and supplying holes or electrons to the light-emitting layer, and

a pair of transparent electrodes sandwiching the light-emitting layer and the organic compound material layer therebetween; and

one of the transparent electrodes is connected to the bus line.

5. The three-dimensional image display device according to claim 4, wherein the one transparent electrode connected to the bus line is a cathode.

6. The three-dimensional image display device according to claim 1, wherein the light-emitting portion is formed in a rectangular form.

7. The three-dimensional image display device according to claim 1, wherein the light-emitting portion is formed in a hexagonal form.

8. The three-dimensional image display device according to claim 1, wherein the light-emitting portion is formed in a rhombic form.

9. The three-dimensional image display device according

to claim 1, wherein the patterned conductors have a pitch of  $P$  set therebetween, and the light-emitting portions alternately arrayed in the patterned conductors have a pitch  $P/2$  set therebetween.